

# **COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

## **DECLARATION**

As below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "HETEROJUNCTION BIPOLAR TRANSISTOR CONTAINING AT LEAST ONE SILICON CARBIDE LAYER" and assigned Attorney File No. 36520.830014.US1, the specification of which is filed concurrently herewith.

The persons named as inventors in this application are John Tarje Torvik and Jacques Isaac Pankove.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56. If this application is identified above as a continuation-in-part application above, we acknowledge the duty to disclose to the Office all information known to us to be material to patentability as defined in §1.56 which became available between the filing date of the prior application and the filing date of this continuation-in-part application.

No prior foreign application for patent or inventor's certificate has been filed.

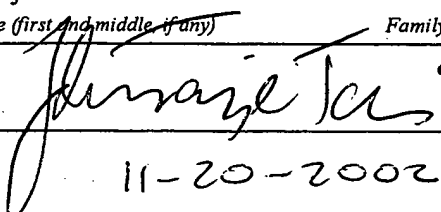
No priority claim is made under 35 U.S.C. §119 or 35 U.S.C. §120.

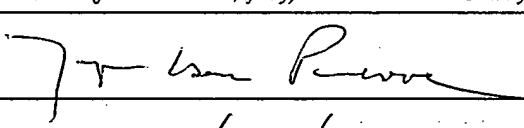
## **POWER OF ATTORNEY**

As named inventors, we hereby appoint Francis A. Sirr, Reg. No. 17,265, Christopher J. Kulish, Reg. No. 33,056, Brian P. Kinneer, Reg. No. 43,717, and L. Grant Foster, Reg. No. 33,236, of HOLLAND & HART LLP to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith. Send all correspondence to: Francis A. Sirr, HOLLAND & HART LLP, P.O. Box 8749, Denver, Colorado 80201, and direct telephone calls to Francis A. Sirr, telephone number 303-473-2709.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name:	John Tarje <i>Given Name (first and middle, if any)</i>	Torvik <i>Family Name or Surname</i>
Inventor's Signature:		
Date:	11-20-2002	
Residence:	1025 Turnberry Circle <i>Address</i>	Louisville CO 80027 USA <i>City State Zip Code Country</i>
Citizenship:	United States	
Post Address Office:	Same as residence	

Inventor's Full Name:	Jacques Isaac <i>Given Name (first and middle, if any)</i>	Pankove <i>Family Name or Surname</i>
Inventor's Signature:		
Date:	11/21/02	
Residence:	809 10th Street <i>Address</i>	Boulder CO 80302 USA <i>City State Zip Code Country</i>
Citizenship:	United States	
Post Address Office:	Same as residence	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

TORVIK et al.

Serial No.: 10/301,261

Filed: November 21, 2002

Atty. File No.: 5098-4 (formerly 36520.830014.US1)

For: "HETEROJUNCTION BIPOLAR  
TRANSISTOR CONTAINING AT  
LEAST ONE SILICON CARBIDE  
LAYER"

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

) Group Art Unit: 2815

) Examiner: ECKERT II, GEORGE C.

) SUBMISSION OF REVOCATION OF  
) POWER OF ATTORNEY AND GRANT  
) OF POWER OF ATTORNEY

"EXPRESS MAIL" MAILING LABEL NUMBER: EV368035553US  
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1450, ALEXANDRIA, VA 22313-1450.

TYPED OR PRINTED NAME: Amy S. Duarte

SIGNATURE: 

Dear Sir:

Accompanying this paper is a "Revocation of Power of Attorney and Grant of Power of Attorney" signed by Randolph E. Treece, Ph.D. as Vice President, Corporate Development of Astralux, Inc.. Please enter the accompanying Revocation and Grant and send any and all future correspondence regarding the above-identified patent application to the undersigned attorney.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: 

Douglas W. Swartz

Registration No. 37,739

1560 Broadway, Suite 1200

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(303) 863-9700

Date: March 12, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of ) Group Art Unit: 2815  
TORVIK et al. ) Examiner: ECKERT II, GEORGE C.  
Serial No.: 10/301,261 )  
Filed: November 21, 2002 ) REVOCATION OF POWER OF ATTORNEY  
Atty. File No.: 5098-4 (formerly 36320.830014.US1) ) AND GRANTING OF POWER OF  
For: "HETEROJUNCTION BIPOLAR ) ATTORNEY  
TRANSISTOR CONTAINING AT )  
LEAST ONE SILICON CARBIDE )  
LAYER" )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I, Randolph E. Treece, Ph.D., Vice President of Corporate Development of Astralux, Inc., assignee of the above-identified patent application, hereby revoke any previous Power of Attorney regarding the above-identified patent application.

I hereby appoint David F. Zinger, Registration No. 29,127; Craig C. Groseth, Registration No. 31,713; Sabrina C. Stavish, Registration No. 33,374; Todd P. Blakely, Registration No. 31,328; Lewis D. Hansen, Registration No. 35,536; Joseph E. Kovarik, Registration No. 33,005; Gary J. Connell, Registration No. 32,020; Douglas W. Swartz, Registration No. 37,739; Bruce A. Kugler, Registration No. 38,942; Robert R. Brunelli, Registration No. 39,617; Brent P. Johnson, Registration No. 38,031; Dana Hartje Cardwell, Registration No. 40,638; Angela Dallas Sebor, Registration No. 42,460; Benjamin B. Lieb, Registration No. 42,801; Bradley M. Knepper, Registration No. 44,189; Miriam Drickman Trudell, Registration No. 42,499; Dennis J. Dupray, Registration No. 46,299; Kenneth C. Winterton, Registration No. 48,040; Robert D. Traver, Registration No. 47,999; Mark L. Yaskanin, Registration No. 45,246; Scott R. Biallecki, Registration No. 51,470; Christopher J. Hussin, Registration No. 51,829; Craig W. Mueller, Registration No. 52,055; Mary B. Smith, Registration No. 43,512; Paul S. Cha, Registration No. 54,022; and Thomas J. Osborne, Jr.,

Registration No. 39,796, of SHERIDAN ROSS P.C., 1560 Broadway, Suite 1200, Denver, Colorado 80202-5141, telephone number (303) 863-9700, as attorneys and agents for Astralux, Inc. with full powers of substitution, association and revocation to prosecute the application and related U.S. and foreign applications and to transact all business in the United States Patent and Trademark Office and all foreign and international patent offices connected therewith.

By: 

Randolph E. Treece, Ph.D.  
Vice President, Corporate Development

Date: 3-11-04